

SUBSTITUTE FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

07039-386US1

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/501834

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.  
PCT/US03/02038INTERNATIONAL FILING DATE  
23 January 2003PRIORITY DATE CLAIMED  
23 January 2002

TITLE OF INVENTION

POLYCYSTIC KIDNEY DISEASE NUCLEIC ACIDS AND PROTEINS

APPLICANT(S) FOR DO/EO/US

Peter C. Harris, Christopher J. Ward, Sandro Rossetti and Vicente E. Torres

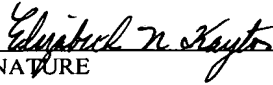
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**  
Express Mail Label No. EV 321179736 US  
Date of Deposit: July 19, 2004

U.S. APPLICATION NO. (if known, see 37 CFR 1.53) <b>10/501834</b>		INTERNATIONAL APPLICATION NO. PCT/US03/02038		ATTORNEY'S DOCKET NUMBER 07039-386US1																															
21. <input checked="" type="checkbox"/> The following fees are submitted:  <b>Basic National Fee ( 37 CFR 1.492 (a) (1) - (5)):</b>  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... <b>\$920</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... <b>\$730</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100</b>  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>																															
Surcharge of <b>\$130</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$770.00</b>																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:20%;">RATE</th> <th style="width:20%;"></th> <th style="width:20%;"></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>52 - 20 =</td> <td>32</td> <td>x \$18</td> <td>\$576.00</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td>10 - 3 =</td> <td>7</td> <td>x \$86</td> <td>\$602.00</td> <td></td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td>+ \$290</td> <td>\$0.00</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$1,948.00</b></td> <td></td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total Claims	52 - 20 =	32	x \$18	\$576.00		Independent Claims	10 - 3 =	7	x \$86	\$602.00		MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$290	\$0.00		<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,948.00</b>		<b>\$0.00</b>	
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<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,948.00</b>																															
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$974.00</b>																															
<b>SUBTOTAL =</b>				<b>\$974.00</b>																															
Processing fee of <b>\$130</b> for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))				<b>\$0.00</b>																															
<b>TOTAL NATIONAL FEE =</b>				<b>\$0.00</b>																															
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +				<b>\$0.00</b>																															
<b>TOTAL FEES ENCLOSED =</b>				<b>\$974.00</b>																															
				<b>Amount to be refunded:</b>	<b>\$</b>																														
				<b>charged:</b>	<b>\$</b>																														
a. <input checked="" type="checkbox"/> A check in the amount of \$974.00 to cover the above fees is enclosed.  b. <input type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.																																			
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.</b>																																			
SEND ALL CORRESPONDENCE TO:																																			
PTO Customer No: 26191		 SIGNATURE																																	
		Elizabeth N. Kaytor, Ph.D.																																	
		NAME																																	
		53,103																																	
		REGISTRATION NUMBER																																	